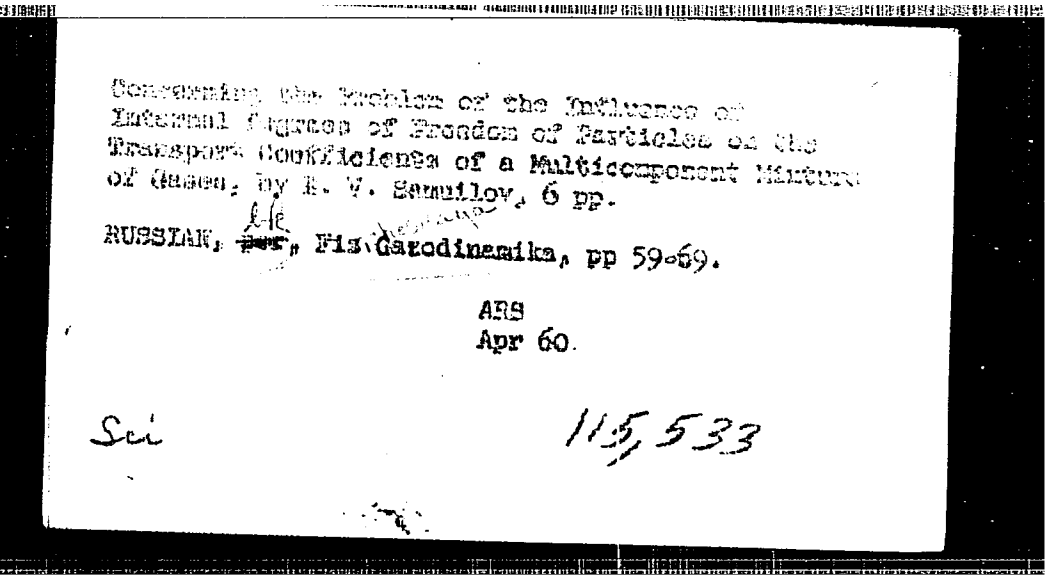
APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8



Concerning the Problem of the Influence of Internal Degrees of Freedom of Particles on the Transport Coefficients of a Multicomponent Mixture of Gases, by K. V. Semilov, 6 pp.

RUSSIAN, ~~PMTF~~ Fiz Gazodinamika, pp 59-69.

ARS
Apr 60.

Sci

115,533

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Gas Dynamics and Properties of Gases at High Temperatures, by A. S. Predvoditelev, RUSSIAN, bk, Fizicheskya Gazodinamika Svoystca Gazov Pri Vysokikh Temperaturakh, 1964, 220 pp.
*CB

Sci-Phys
Nov 66

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physics of Heat Exchange and Gas Dynamics,

RUSSIAN, bk, Fizicheskaya Gazodinamika i Teploobmen, A collection of articles published by G. M. Krzhizhanovskiy Energetics Institute, Ak Nauk SSSR, 1961.

*CE

Sci - Phys
Dec 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

The Problem of the Onset of Combustion in a Supersonic Gas Flow Is Decelerated on an Obstacle, by I. M. Naboko.

RUSSIAN, bk, Sbornik Fiz Gazodinamika i Teploobmen M Ak Nauk SSSR, 1961, pp 42-45.

*FTD-TT-62-1447

Sci - Phys

17 Oct 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Gas-Dynamic Device, by V. M. Yeroshenko.

RUSSIAN, bk, Fizicheskaya Gazodinamika i Teploobmen, Ak Nauk SSSR, Energeticheskiy Institut, 1961, pp 51-59.

*FTD TT 62-1133

Sci - Engr
15 Aug 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Heat Transfer on a Porous Plate in a Supersonic Stream While Gases Differing in Their Physical Properties are Being Delivered Through The Pores by V. M. Yereshenko, 17 pp.

RUSSIAN, bk, Fizicheskaya Gazodinamika i Teploobmen. A collection of articles published by G. M. Krzhizhanovskiy Energetics Institute, Ak Nauk SSSR, 1961, pp 66-75.
9670139

FTD-TT-62-1468

Aer - Phys

Sept 63

344,033

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Amplification of Shock Waves in Their Passage Through a Flame Front by G. A. Salamandra and I. K. Sevast'yanova, 10 pp.

RUSSIAN, bk. Akademiya Nauk SSSR Energeticheskiy Institut, Fizicheskaya Gazodinamika, etc. Moskva, 1963, pp 199-203. 9669943

FTD-TT-63-532

Sci - Phys

344,085

Sept 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Geography of Bulgaria, by Zh. Gulubov, Il. Ivanov, et al, 411 pp.

RUSSIAN, bk, Fiz'icheskaya Geografiya Bolgarii, Moscow, 1960, pp 1-358.

JPRS 22726

EE-Bulgaria
Geog
Jan 64

247, 100

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Geography, by A. A. Makunina, N. I. Mikhaylov, Yu. P. Parmuzin, A. I. Solov'yev, 124 pp.

RUSSIAN, par, Fizicheskaya Geografiya, 1960, abstracts from entire publication. (Call No QH239, B5, M23, E Tr)

JMB

171,562

USSR
Geog
Oct 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Suslov, Sergei Petrovich.
PHYSICAL GEOGRAPHY OF ASIATIC RUSSIA, tr. by Noah D. Gershevsky, ed. by Joseph E. Williams. Mar 61, 594p. 55 refs.
Order from W. H. Freeman and Co., 660 Market St., San Francisco, 4, Calif. $15.00

Composite trans. of mono. [Fizicheskaya Geografiya SSSR, Aziatskaya Chast'] n.p., editions 1947 and 1956.

Contents:
Pt. 1. Western Siberia
Pt. 2. Eastern Siberia
Pt. 3. Far east
Pt. 4. Central Asia.

151620

(Earth Sciences--Geography, TT, v. 5, no. 8)

61-12868

1. Geography--Siberia
2. Geography--USSR
I. Suslov, S. P.
II. Freeman, W. H., and Co., San Francisco, Calif.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Geography of China, by V. T. Zaychikov,
739 p.
RUSSIAN, bk, Fizicheskaya Geografiya Kitaya,
Moscow, 1964, 739 pp.
JPRS 32119

USSR
Econ
Feb 66

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Zpk
Physical Geography of European Russian, by B. P. Dobrynin.

RUSSIAN, mono, Fizicheskaya Geografiya Zapadnoi Evropy, Moscow, 1948, 323 pp.

W. H. Freeman and Co.

Mar 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Life Phenomena, A Historical Survey,
Moskva, bk, Fizicheskie i Khimicheskie Osnovy
Zhiznennykh Yavleniy, Istoricheskie Ocherki,
1963, pp 1-171.
NASA TT F-551
CFSTI TT 66-51018

Sci-Behavioral & Social Sci
Feb 67 318,225

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Geography of USSR, ed M. I. Davydova, V. I. Ik Kalesnikiy, et al, M. Gos Izd. B. 11 pp.

RUSSIAN, bk. Fizicheskaya Geografiya SSSR Gl
436 F 57, pp 361-382, 394-411, 421-474,
514-519, 525-535, 537-538, 570-583,
589-598, 601-605, 611-619, 620-627, 631-638,
642-675.

ACSI I-1163
ID 2196081

216,736

USSR
Geog
Nov 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Geography of the USSR, by
A. A. Gvozdetskiy, N. I. Mikhaylov,
144 pp.
[illegible], bk, Fizicheskaya Geografiya SSR,
Moscow, 1963, pp 7-184.
ACSI I-6113
ID 2213366964

USSR
Geog
Jun 65

281,661

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Geography of the USSR, by
N. A. Gvozdetskiy, N. I. Mikhaylov, 255 pp.
RUSSIAN, bk, Fizicheskaya Geografiya SSR,
Moscow, 1963, pp 187-529.
ACSI I-6247
ID 2204056664

USSR
Geog
Jun 65

280,478

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Geography of USSR, by F. N. Mil'kov, N. A. Gvodetskiy, 245 pp. USCL

RUSSIAN, bk, Fizicheskaya, pp 5-7, 19-21, 115-343.

ACSI H-6549
ID 2166433

USSR
Geog
Apr 61

143,386

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Geography of USSR, by K. P. Stroyev, [illegible] ed.,
UNCL.

RUSSIAN, bk, Fizicheskaya Geografiya SSSR, 1958,
pp 101-114, 117-127, 133-141.

AOSI R-6551
ID 2147196

USSR

Geographic

Aug 60

123,122
SLA 60-23995

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Chemistry of Pyrometallurgical Processes. Part II. The Interaction of Liquids with Gases and Solid Phases, by O. A. Esin, P. V. Gel'd.

RUSSIAN, bk, Fizicheskaya Khimiya Pirometallurgicheskikh Proteessov. Chast Vtoraya. Vzaimodeistvie Zhurkostei s Gazami, ~~publ by State Scientific Technical Publ of Literature on Ferrous and Non-Ferrous Metallurgy~~, 1954, 606 pp. Bk. 1-369 pp, Bk. 2-237 pp.

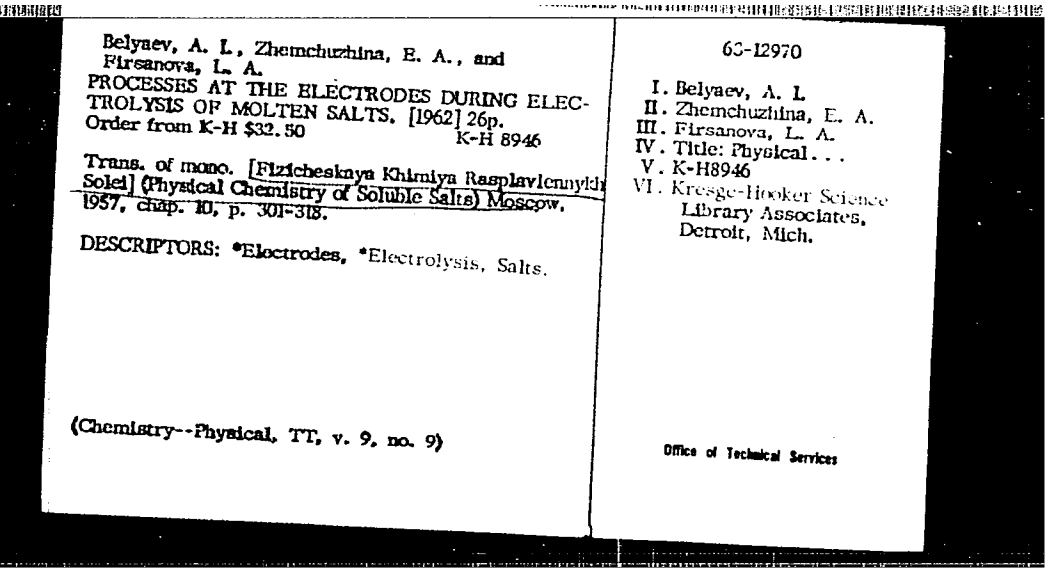
AEC 3439

77,949

Sci - Phys
Dec 58

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8



Belyaev, A. I., Zhemchuzhina, E. A., and Firsanova, L. A.
PROCESSES AT THE ELECTRODES DURING ELECTROLYSIS OF MOLTEN SALTS. [1962] 26p.
Order from K-H $32.50 K-H 8946

Trans. of mono. [Fizicheskaya Khimiya Rasplavlennykh Solei] (Physical Chemistry of Soluble Salts) Moscow, 1957, chap. 10, p. 301-318.

DESCRIPTORS: *Electrodes, *Electrolysis, Salts.

(Chemistry--Physical, TT, v. 9, no. 9)

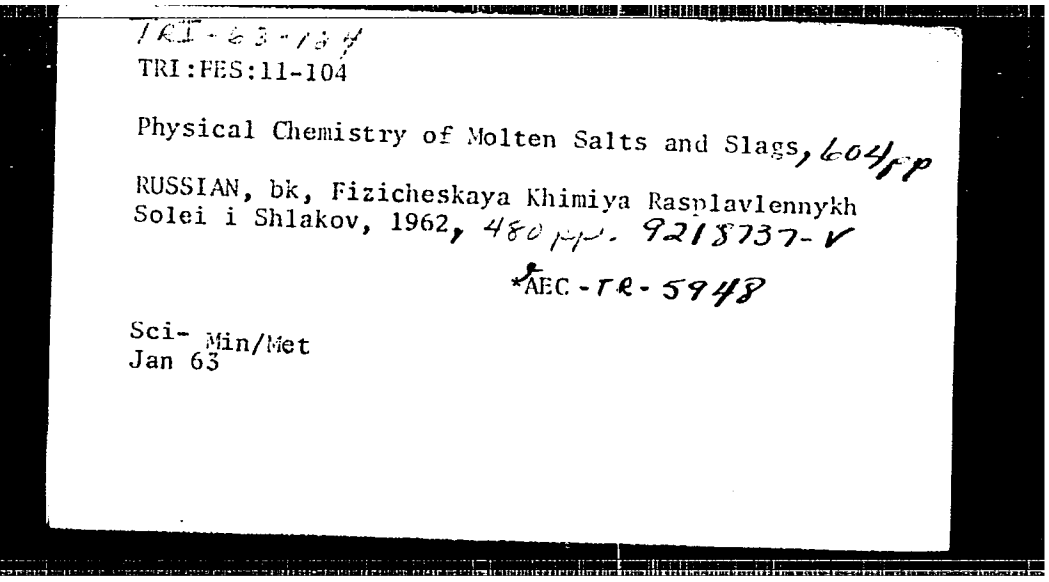
63-12970

I. Belyaev, A. I.
II. Zhemchuzhina, E. A.
III. Firsanova, L. A.
IV. Title: Physical...
V. K-H8946
VI. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8



TRI-63-134
TRI:PES:11-104

Physical Chemistry of Molten Salts and Slags, 604pp

RUSSIAN, bk, Fizicheskaya Khimiya Rasplavlennykh Solei i Shlakov, 1962, 480 pp. 9218737-V

*AEC-tr-5948

Sci- Min/Met
Jan 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Chemistry of Fused Salts and Slag, Conference.

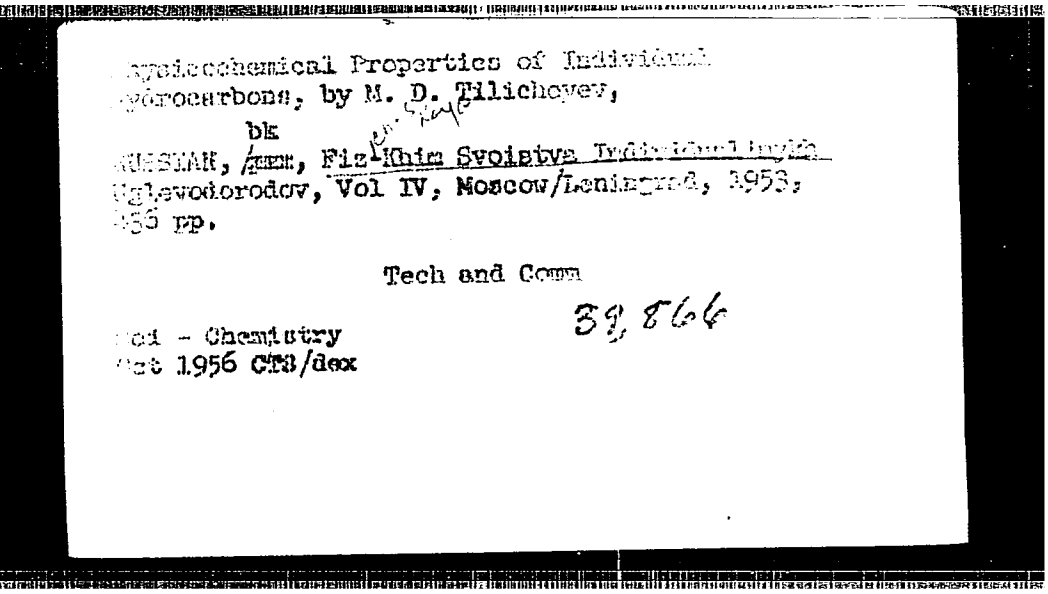
RUSSIAN, rpt, Fizicheskaya Khimiya Rasplavlennykh Solei i Shlakov, Moscow, 1965, 500 pp.

*Consultants Bureau
(To be available from CB after 2nd quarter, 1966)

Sci -
2 Oct 64

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8



Physicochemical Properties of Individual
Hydrocarbons, by M. D. Tilicheyev,
bk
USSR/Chem, Fiz Khim Svoistva Individual'nykh
Uglevodorodov, Vol IV, Moscow/Leningrad, 1953,
436 pp.

Tech and Comm

39,864

Ref - Chemistry
Oct 1956 CTB/dcx

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Experimental Study of a Converter, by
P. L. Kapitsa and L. A. Prozorova,
RUSSIAN, per, AN SSSR, Fizicheskaya Laboratoriya. Elektronika Bol'shikh Moshchnostey,
No 4, 1956, pp 53-65.
ACSI J-1582
ID 2204001067

Sci-Electr & Elect Engr
Mar 67 320,240

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Coupled Oscillations in Cavity Resonators,
by L. A. Vaynshteyn.
RUSSIAN, bk, Fizicheskaya Laboratoriya
Elektronika Bol'shikh Moshchnostey,
No 3, 1964, pp 216-230.
*FTD-TT-65-1419

Sci-Phys
Sep 65

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

(MY-4726)

Physical Libration of the Moon, by Sh. T. Khabibullin, 420 pp.

RUSSIAN, bk, Fizicheskaya Libratsiya Luny, No 9, 1958, pp 3-182.

JPRS 5733

Sci - Space Research

Oct 60

129,519

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

The Physical Nature of Anomalies in the Plasticity of Metallic Alloys, by A.A. Presnyakov, 49pp
RUSSIAN, bk, ~~Fizicheskaya Priroda Anomaliy~~ Plastichnosti u Metallicheskikh Splavov, Alma Ata, 1963, pp 1-64
JPRS 27500

Sci-Mat/Met
Jan 65

271,907

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

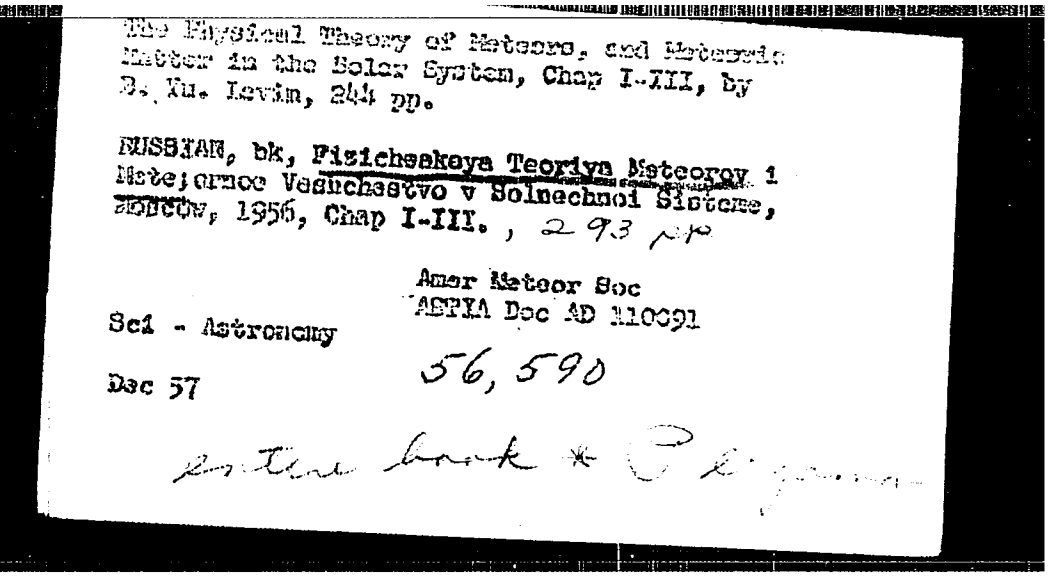
Modelling of Heavy Synchronous Motors and Their Excitation Systems, by V. A. Ivanov-Smolenski, RUSSIAN, per, Fizich.model. elektrich. sistem im., Pp 108-111; 122-138, 227-230.
MLL Ref: RTS 3526

Sci/Elec & Elec Engr
Feb 68

349,674

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8



The Physical Theory of Meteors, and Meteoric Matter in the Solar System, Chap I-III, by B. Yu. Levin, 244 pp.

RUSSIAN, bk, Fizicheskaya Teoriya Meteorov i Meteornoe Veshchestvo v Solnechnoi Sisteme, Moscow, 1956, Chap I-III., 293 pp

Amer Meteor Soc
ARPIA Doc AD 110091

Sci - Astronomy

Dec 57

56,590

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

(Translation on) Meteors, by B. Yu. Levin.

RUSSIAN, bk, Fizicheskaya Teoriya Meteorov i Meteornoye Veshchestvo v Solnechnoy Sisteme, publ by Izdatel'stwo Ak Nauk SSSR, Moscow, 1956.

Translations to be done by:

a. by US Air Force - Chapters 1 and 2;
b. by General Electric Co - Chapter 3;
c. by Battelle Institute - Chapters 4 and 5;
d. Either by Project Lincoln or by Battelle Institute - Chapter 6.

(Info from OOC memo)

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Man's Physical Endurance and Its Development,
by Yakov Anan'yevich Yegolinskiy, 45 pp.
RUSSIAN, bklet, Fizicheskaya Vynoslivost'
Cheloveka i Puti Yeye Razvitiya, 1966, pp. 3-31,
72-79, 112-116.
JPRS 41444

USSR
Sci-B&M
Aug 67

333,309

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Silin, V. P. and Gorbunov, L. M.
ON THE KINETICS OF NON-ISOTHERMAL PLASMA [AND] ADDITION TO THE ARTICLE, tr. by Sergey Shewchuck. June 62, 10p. 2 refs.
Order from OTS or SLA $1.10 UCRL Trans-833 (L)

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut. Rept-A-61. 1962. 9p.

DESCRIPTORS: *Plasma physics, *Kinetic theory, Polarization, Electrons, Distribution, Statistical functions, Polynomials, Integrals, Plasma oscillations.

(Physics--Electronics, TT, v. 9, no. 6)

63-15047

I. Silin, V. P.
II. Gorbunov, L. M.
III. UCRL-Trans-833 (L)
IV. Lawrence Radiation Lab., U. of California, Berkeley

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Silin, V. P.
THEORY OF TRANSFER PROCESSES IN A PLASMA ACROSS A MAGNETIC FIELD, tr. by Sergey Shewchuck. Sep 62 12p. 4 refs.
Order from OTS or SLA $1.60 UCRL Trans-869 (L)

Trans. of Akademiya Nauk SSSR, Fizicheskii Institut. Repr- A-83, 1962.

DESCRIPTORS: *Plasma physics, Magnetic fields, Particles, Electrons, Ions, Oscillation, Theory.

A theory is described for the transfer phenomena in a plasma across a constant magnetic field. An important new moment is the calculation of the interaction of plasma particles with longitudinal oscillation. It is shown that with fairly large ratios of the electron and ion temperatures, the effect of the particle interaction with the plasma oscillations leads to a substantial
(Physics--Electronics, TT, v. 9, no. 7) (over)

63-15054

I. Silin, V. P.
II. UCRL-Trans-869 (L)
III. Lawrence Radiation Lab.
U. of California,
Berkeley

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Ramazashvili, R. R., Rukhadze, A. A., and Silin, V. P.
ON THE RATE OF LEVELING OF TEMPERATURE OF CHARGES PARTICLES IN A PLASMA. 7 Feb 63, 17p. 11 refs.
Free copies available from Boeing Scientific Research Labs. Library as Boeing Trans. R47. When supply exhausted, order from OTS or SLA $1.60, 63-10849

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut. [Rept]-A-82, 1962 [#Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki (USSR) 1962, v. 43, no. 4, p. 1323-1330].

DESCRIPTORS: *Temperature, Relaxation time, *Charged particles, *Plasma physics.

The paper examines problems of temperature relaxation, both in a gas of charged particles of one type, (Physics--Electronics, TT, v. 10, no. 1) (over)

63-10849

I. Ramazashvili, R. R.
II. Rukhadze, A. A.
III. Silin, V. P.
IV. Boeing Trans-R47
V. Boeing Scientific Research Labs., Seattle, Wash.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Silin, V. P.
OSCILLATIONS OF A WEAKLY INHOMOGENEOUS PLASMA. [1962] 26p. 4 refs.
Free copies available from Boeing Scientific Research Labs. Library as Boeing Trans. R60. When supply is exhausted, order from OTS or SLA $2.60, 63-10654

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut. [Rept]-A-210, 1962, p. 1-23.

DESCRIPTORS: *Plasma physics, *Plasma oscillations, Oscillation, Electrons, Frequency, Stability, Electromagnetic waves, Magnetic fields, Quantum statistics

The natural oscillations of a weakly inhomogeneous plasma are studied. The dispersion equations defining the natural frequencies of these oscillations are analogous to the quasi-classical quantization rules of Bohr. The high-frequency electron oscillations of a weakly
(Physics--Electronics, TT, v. 9, no. 6) (over)

63-10654

I. Silin, V. P.
II. Boeing Trans-R60
III. Boeing Scientific Research Labs., Seattle, Wash.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Lovetskii, E. E. and Rukhadze, A. A.
ON THE CONVECTIVE INSTABILITY OF AN INHOMOGENEOUS PLASMA IN A GRAVITY FIELD. [1962] 15p. 6 refs.
Free copies available from Boeing Scientific Research Labs. Library as Boeing Trans. R61. When supply is exhausted, order from OTS or SLA $1.60, 63-10655

Trans. of Akademiya Nauk SSSR. Fizicheskii Institut. [Rept]-A-109, 1962, p. 1-13.

DESCRIPTORS: *Plasma physics, *Plasma oscillations, Stability, *Gravity, Magnetic fields, Electromagnetic waves, Electrons, Magnetohydrodynamics, Quantum statistics, Tensor analysis, Dielectric properties, Permeability.

The stability is investigated of the equilibrium state of a weakly inhomogeneous rarified magnetoactive plasma (Physics--Electronics, TT, v. 9, no. 6) (over)

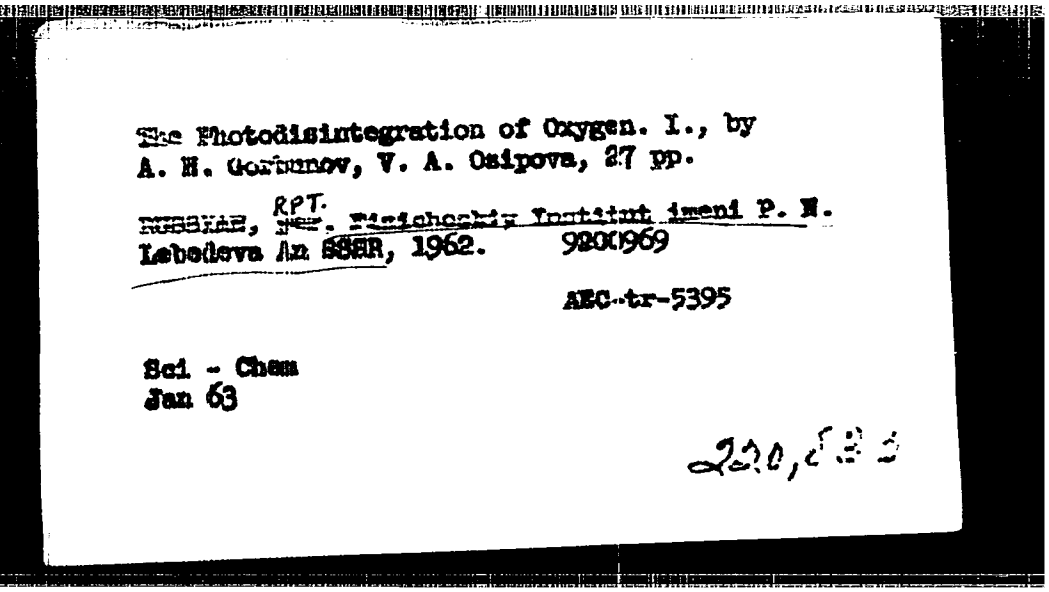
63-10655

I. Lovetskii, E. E.
II. Rukhadze, A. A.
III. Boeing Trans-R61
IV. Boeing Scientific Research Labs., Seattle, Wash.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8



The Photodisintegration of Oxygen. I., by
A. M. Gorbunov, V. A. Osipova, 27 pp.

RPT.
Fiziches kiy Institut imeni P. N.
Lebedeva An SSSR, 1962. 9200969

AEC-tr-5395

Sci - Chem
Jan 63

220,283

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Theory of Transport Phenomena in an Anisothermal Fully Ionized Plasma, by L. M. Gorbunov, V. P. Silin. RUSSIAN, per, Fizicheskii Institut Ak Nauk SSSR, 1963,
SLA TT 64-18014

Apr 67 322,984

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

On the Theory of Photodisintegration of the Light Nuclei With Emergence of Fast Deuterons, by V. V. Balashov, MK V. N. Fetisov, 17 pp.
RUSSIAN, rpt, Fizicheskiy Institut imeni P. N. Lebedeva, Laboratoriya Fotomezonnykh Protsessov A-29, Ak Nauk SSSR, Moscow, 1963, pp 1-16. 9691140

~~Navy/NRL-Tr-959~~

Sci - Phys
Feb 64

Navy Tr 3727/NRL 959
250,2739

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Radiation During Scattering of Charged Particles in Electromagnetic Waves of Isotropic Plasma, by A. Gaylitis, V. N. Tsytovich.
RUSSIAN, rpt, Fizicheskiy Institut imeni P. N. Lebedeva, 11 May 1964, pp 1-30.
*FTD-HT-67-55

Sci - Phys
Feb 67

317,675

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

(NY-6518)

Portable Defibrillator With a Universal Power Supply, by K. Azhibayev, V. Eskin, 13 pp.

RUSSIAN, bk, Fizicheskiye i Fiziologicheskiye Prichiny Povysheniya Electroopasnosti v Gornykh i Zharkikh Stranakh, 1960, pp 62-69.

JPRS 9901

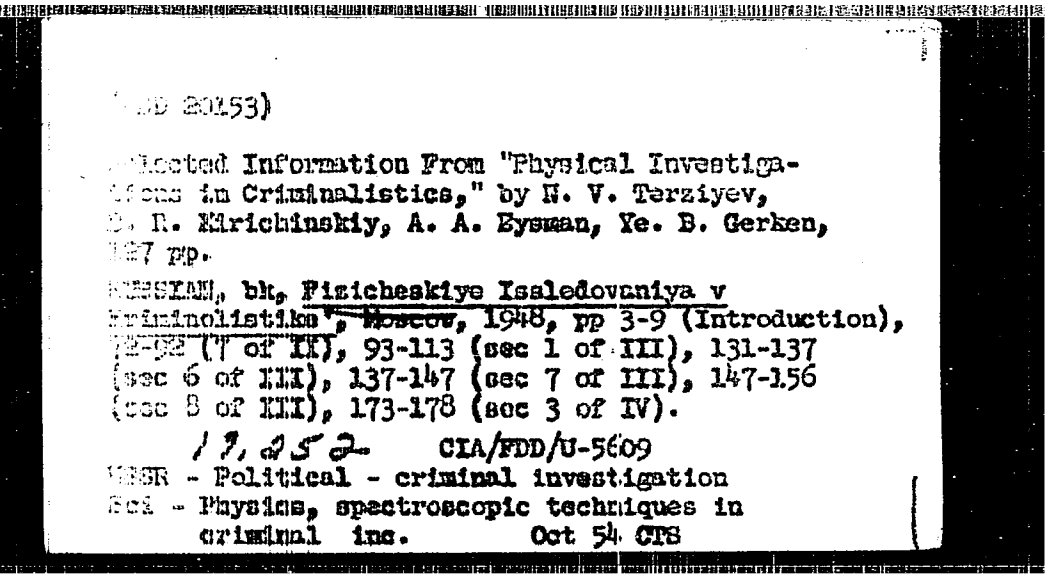
Sci - Electron

Aug 61

165, 366

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8



[illegible] 20153)

[illegible]lected Information From "Physical Investiga-
[illegible]ions in Criminalistics," by N. V. Terziyev,
[illegible]. R. Mirchinskiy, A. A. Eysman, Ye. B. Gerken,
[illegible]27 pp.

[illegible]SSIAN, bk, Fizicheskiye Issledovaniya v Kriminalistike", Moscow, 1948, pp 3-9 (Introduction), [illegible]2-92 (I of II), 93-113 (sec 1 of III), 131-137 (sec 6 of III), 137-147 (sec 7 of III), 147-156 (sec 8 of III), 173-178 (sec 3 of IV).

17,252 CIA/FDD/U-5609

USSR - Political - criminal investigation
Sci - Physics, spectroscopic techniques in criminal inc. Oct 54 CTS

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Characteristics of Comets, by S. K. Vsekhsviatskiy.

RUSSIAN, bk, Fizicheskiye Kharakteristiki Komet, 1958, 575 pp.

PL-480 (NASA) TT F-80
FY 63
Call Mrs. Dyer for Info

Feb 62

PST-505

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

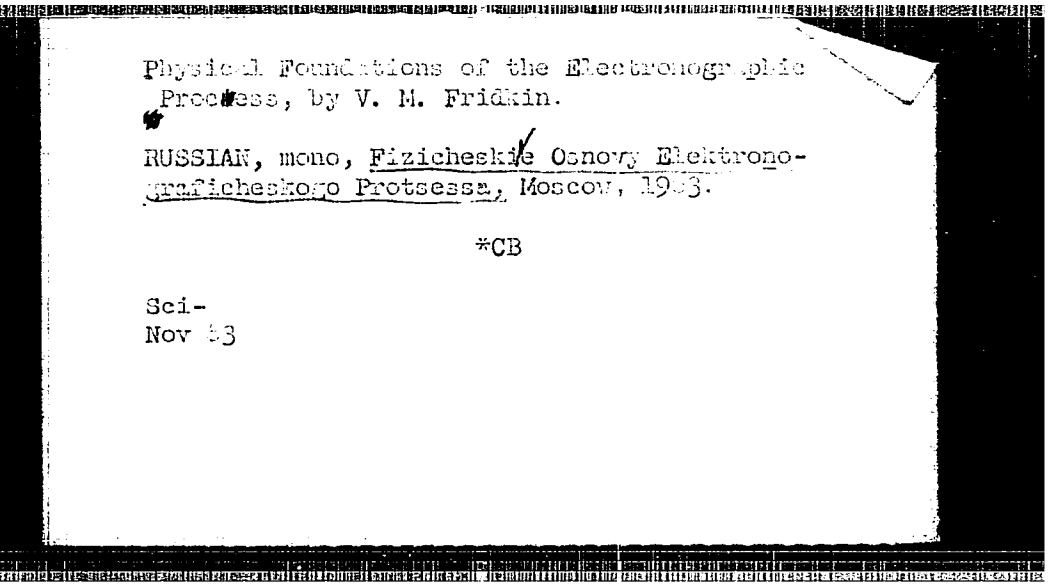
Life Phenomena, A Historical Survey,
RUSSIAN, bk, Fizicheskie i Khimicheskie Osnovy
Zhiznennykh Yavleniy Istoricheskie Ocherki, 1963,
pp 1-171.
CFSTI TT 66-51018
NASA TT F-381

Sci-Behavioral & Social Sci
Mar 67

320,217

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8



Physical Foundations of the Electronographic Process, by V. M. Fridkin.

RUSSIAN, mono, Fizicheskie Osnovy Elektronograficheskogo Protsessa, Moscow, 1953.

*CB

Sci-
Nov 53

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physical Principles of Rocket Flight, by
A. A. Dmitriyevskiy, V. N. Koshevoy, 89 pp.

RUSSIAN, bk, Fizicheskiye Osnovy Poleta Raket,
Moscow, 1962, pp 1-80. 9685413

FTD-TT-63-345

Sci-Aero

Sep 63

343,447

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

On the Mechanisum of Energy Transfer in Organic Complexes of Rare Earths, by V. V. Kuznetsova & A. N. Sevchenko.
RUSSIAN, per, Fizicheeskiye Problemy Spektoroskopii, Akademiya Nauk SSSR, Komissiya no Spektroskopii, Vol 1, 1960, pp 236-239. P5001504 9
Dept of Navy NIC tr 2604

Sci/Ear Sci
June 68

358,220

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Method of Calculating the Hydraulic Resistance in Pipes on Pumping of Viscous and Elasto-Viscoplastic Products Under Conditions of Heat Exchange and High Pressure, by A. K. Skryabin, 31 pp.

RUSSIAN, bk, Fizicheskiye Protsessy i Osnovy Rascheta Teplokhimicheskikh Annaratov, No 24, 1958, pp 107-125. 9671488

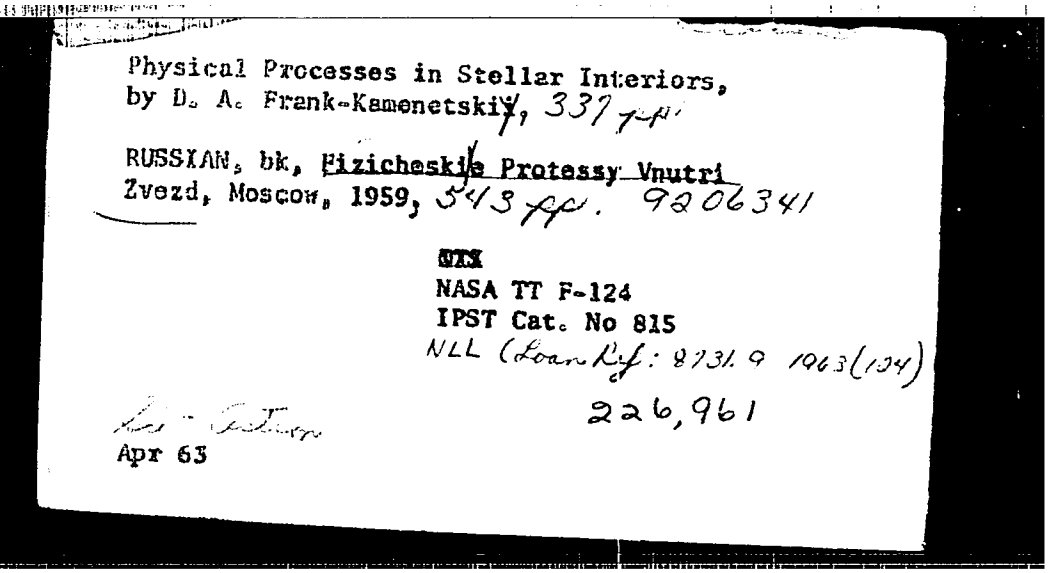
FTD MCL-994/1

173.306

Sci - Engr
16 Nov 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8



Physical Processes in Stellar Interiors,
by D. A. Frank-Kamenetskiy, 337 pp.

RUSSIAN, bk, Fizicheskiye Protessy Vnutri
Zvezd, Moscow, 1959, 543 pp. 9206341

OTS
NASA TT F-124
IPST Cat. No 815
NLL (Loan Ref: 8731.9 1963(124)
226,961

Apr 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Radiation of an Underwater Electrical Wire Detonation, by I. V. Podmoshenskiy, N. N. Ogurtsova.
RUSSIAN, per, Fizicheskiy Sbornik, Vol 4, No 9, 1958, pp 199-201.
NASA TT F-11,266

Sci-Electr
Jan 68

348,686

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Erosion of Metallic Electrodes in a Low-Voltage Spark, by I. V. Podmoshenskiy, N. N. Ogurtsova.
RUSSIAN, per, Fizicheskiy Sbornik, Vol 4, NV 9, 1958, pp [illegible].
NASA TT F-11,265

Sci-Electr
Jan 68 348,685

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

The Spectra of Organosilicon Compounds which Contain an Aromatic Ring, by Yu. P. Yegorov, Ye. A. Chernyshev.
RUSSIAN, per, Fizicheskiy Sbornik, No 3 (80), pp 300-303.
CIA S-132

Sept 68 366,470

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

SPECTRAL ANALYSIS OF HIGH-PURITY GOLD BASED ON ABSOLUTE INTENSITIES OF THE ANALYTIC LINES, BY A. A. KURANOV, N. P. RUKSHA.

RUSSIAN, BK, FIZICHESKI SBORNIK 2. ATOMNAYA SPETROSKOPIYA. MATERIALY DESYATOGO VSESOYUZNOGO SOVESHCHANYA PO SPEKTROSKOPII, 1958, PP 421, 422.

NLL RTS 1879

SCI - PHYS

JUN 62

199,893

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physics of the Atmosphere, by P. N. Tverskoi.
RUSSIAN, ppt, Fizika Atmosfery. Kurs
Meteorologii, 1962, (CFSTI).
NASA TT F-288

Sci-Phys
Apr 66

298,804

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

(2291-N)

The Dielectric Strength of Polyethylene at High Frequencies, by S. M. Bragin, 2 pp.

RUSSIAN, bk, Fizika Dielektrikov, Moscow, 1958, pp 19-20.

JPRS L-664-N

Sci - Electronics
Mar 59

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

(2291-N)

The Effect of Beta-Radiation of the Electric Conductivity of Synthetic Ceresin, by A. M. Ar'yev, A. P. Amhrat'yan, 3 pp.

RUSSIAN, bk, Fizika Dielektrikov, Moscow, 1958, pp 50-51.

JPRS L-664-N

Sci - Electronics
Mar 59

83,141

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

(2291-E)

Measurements of the Tangent of the Loss Angle and the Dielectric Permeability of Polymers at Wave Lengths from 3 to 10 Centimeters as Affected by the Temperature, by A. M. Lobanov, 7 pp.

RUSSIAN, bk, Fizika Dielektrikov, Moscow, 1958, pp 146-152.

JPRS L664-E

83,142

Sci - Electronics
Mar 59

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Dielectric Permeability and Dielectric Losses in Some Ceramic Materials in Strong High-Frequency Electric Fields at High Temperatures, by I. S. Filatov, 14 pp.
RUSSIAN, bk, Fizika Dielektrikov, Trudy Vtoroy Vsesoyuznoy Konferentsii, 1958, pp 28-36.
JPRS 42623

USSR
Sci-Physics
Oct 67

340.715

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

The Physics of Combustion and Explosion, by L. N. Khitrin.

RUSSIAN, bk, Fizika Goreniya i Vzryva, 1957.

OTS 61-31205
PST Cat. No 640

226,960

Apr 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physics of Combustion and Explosion, Table of Contents, [illegible] by L. N. Khitrin, 13 pp.

RUSSIAN, bk, Fizika Goreniya i Vzryva, 1957, Encl to SIR-2746.

USSR
Sci - Physics

Nov 57

AID/Aug 57

54, 876

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Some Data on the Mechanism of the Recovery of Ferric Oxide with Carbon Monoxide, by M.S. Kurchatov.
RUSSIAN, per, Fiz. Khim. Oswovy Proizv. Stali Moscow , 1964, pp 417-426
GB 49/1492

Sci -
Aug 67 335-599

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

New Experimental Investigations of the Stability and Phase Relations of Hydrated Iron Silicates,
by H.P. Eugster,
RUSSIAN,per, Fiz Khim Prob Form Gorn Porod i Rud,
1961,vol.1,pp.622-640.
ATS -00R78R

BS/Astron
Aug 66

7
306,664

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Astrometry and Astrophysics IV: Physics of Comets,
by V. P. Konopleva.
RUSSIAN, bk, Astrometrya i Astrofizika IV: Fizika Komet, 1969, 224 pp.
*NASA TT-F-599

Sci-Astro & Astrophysics
June 69

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

OF BLOOD: CONCLUSION AND DEDUCTIONS, BY A. U. YUNUSOV
6 PP.

RUSSIAN, PER FIZ KROVI CHELOVEKA I ZHIVOTNYKH V ZHARKOM KLIMATE, 1961, PP 182-188.

JPRS 21405

BIOL & MED SCI
OCT 63

344,990

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Brightness Distribution in the Limb Zone of Mars, by L. A. Bugayenko, et al. RUSSIAN, rpt, Fizika Luny i Planet, 1964, pp 54-57. NASA TT F-10,018

Sci-[redacted]
May 66

300,883

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Diffusion of Iron in Certain Metals, by V. P. Vasilev, I. F. Kamardin, et al,

RUSSIAN, per, Fiz-Mat Nauk, Vol LXV, No 12, 1955, pp 47-53.

*AEC

Sci - Phys
Sep 60

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Exposure and Identification of Structural Elements in Heat Resisting Alloys on a Nickel Base, by E. E. Levin, 7 pp.

RUSSIAN, per, Fiz Met Issled, Vol XXIX, No 9, 1963, pp 1085-1088.

CIA/FDD XX-1535
NO FOREIGN DISSEM

Sci - M/M
May 64
USIB Internal Use Only

257,735

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Some Problems of the Kinetics of Formation and Growth of Non-Metallic Inclusions in Steel, by S.I. Popel.
RUSSIAN, per, Fiz Khim Osnovy Proiz Stale Moscow,
Vol , 1964,
pp 15-23.
Vol 17, No 3, 1969

July 69

385-215

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Physics of the Moon and the Planets,
by I. K. Koval.
RUSSIAN, bk, Fizika Lumy i Planet, Kiev, 1964.
NASA TT F-382
CFSTI TT 66-51019

Sci - ES
Sep 66

308,390

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

SHUBIN, G.N. and others. Deformability of transformer s
in cold rolling.
Fiz.Metall. 1(1):180 (1955) (CRL/T. 3975x)

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Table of Contents

RUSSIAN, per, Fizika Metallov i Metallovedeniye, No 1, Vol I, 1955.

CIA/FDD X-2278

CIA/FDD X-2278

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Table of Contents

RUSSIAN, per, Fizika i Metallovedeniye, Vol I, No 2, 1955.

CIA/FDD X-2278

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Effect of Some Metallurgical Factors on the Specific Losses of Hot-Rolled Transformer Steel, by N. F. Dubrov. UNCL

RUSSIAN to GERMAN, per, Fiz Met, No 1, 1955, pp 143-148.

Verein Deutscher Eisenhuettenleute
Duesseldorf
Breite Strasse 27
Germany

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Deformability of Transformer Sheet in Cold Rolling by C. N. Shubin, V. A. Shadrun, N. I. Lapkin.

RUSSIAN, per, Fizika Metallov i Metallovedenie, Vol I, No 1, 1955, pp 180-181.

Brutcher Tr 3627 35,201

Sci - Engineering, Minerals/Metals

Jun 1956

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Quality of Transformer Sheet Improved by Chemically Active Coatings, by N. I. Lapkin

RUSSIAN, per, Fizika Metallov I Metallovedenie, Vol 1, No 1, 1955, pp 185-92

Brutcher No 3628
$5.80

Scientific - Min/Metals
Feb 56 CTS/dex

31,234

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Khotkevich, V. I., Chaikovskii, E. F., and Zashkvara, V. V.
ABSORPTION D'ENERGIE LORS DE LA DEFORMATION DES METAUX A BASSE TEMPERATURE (Pogloshchenie Energii pri Inzkotemperaturnom Deformirovanii Metallov) tr. by Fedorovski. 15 Dec 61 [37]p. (Russian text included) 14 refs. CEA Trans. no. R 1451 (text in French).
Order from OTS or SLA $3.60 62-24575

Trans. in French of Fiz[ika] Metal[lov i] Metallo-ved[enie] (USSR) 1955, v. 1, no. 2, p. 206-218.

DESCRIPTORS: *Absorption, *Energy, *Deformation, Metals, Temperature.

(Physics--Solid State, TT, v. 8, no. 3)

62-24575

I. Khotkevich, V. I.
II. Chaikovskii, E. F.
III. Zashkvara, V. V.
IV. CEA-tr-R1451
V. Commissariat a l'Energie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Plastic Strain and Fracture of Single Crystals and Polycrystals of Metal Under Static and Cyclic Torsion, by F. P. Rybalko.
RUSSIAN, per, Fizkia Metallov i Metallovedeniye
Vol 1, No 2, 1955, pp 231-238.
FTD HT Special 601-69

jan 70

400,959

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Study of the Micro-Nonuniformity of the Plastic Deformation of Steel, by B. B. Chechulin, 21 pp.

RUSSIAN, per, Fiz Metallov i Metallovedenie, Vol I, No 2, 1955, pp 251-260.

NACA TM 1411

Sci - Min/Met
Oct 57

53,927

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Investigation of the Diffuse Creep of Metals and Alloys, Part I, by Ia. Gegusin, B. Z. Bengus

RUSSIAN, per, Fiz Metallov i Metallovedeniye, Vol I, No 2, 1955, pp 269-272.

Navy Tr 1397/NRL 580

Sci - Min/Metals
Dec 56 CTS

41,155

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Kornev, G. V. and Golubkin, V. N.
DETERMINATION DE LA TENSION DE VAPEURS DU COBALT ET DU FER A L'AIDE DE RADIOISOTOPES A L'ÉTAT SOLIDE, tr. by Vinogradoff. 4 July 60 [28]p. 19 refs. CEA Trans. no. R 968 (text in French).
Order from OTS or SLA $2.60 61-23719

Trans. in French of Fiz[ika] Metal[lov] i Metallo-ved[enie] (USSR) 1955, v. 1, no. 2, p. 286-297.

DESCRIPTORS: *Radioactive isotopes, *Cobalt, *Iron, High temperature research, *Heat of sublimation, Vacuum apparatus, *Vaporization.

(Metallurgy, TT, v. 6, no. 6)

61-23719

I. Kornev, G. V.
II. Golubkin, V. N.
III. CEA-tr-R968
IV. Commissariat à l'Énergie Atomique (France)

17666U

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

The Theory of the Method of Determining the Grainboundary Diffusion Coefficient for Metals, by V. G. Borisov, B. Y. Lyubov, 8 pp.

Russian

[redacted], per, Fizika Metal i Metallovedenie, Vol I, No 2, 1955, pp 298-302.

S.L.A. Tr R-289

Sci - Engineering
May 57

47,798

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Mechanism of Surface Impregnation of Iron and Steel With Boron, by G.V. Samsonov, N. Ya. Tsetina.

RUSSIAN, per, Fizika Metallov i Metallovedenie, Vol I, No 2, 1955, pp 303-306.

Brutcher Tr 3745 35,498

Sci - Minerals/Metals, Chemistry

Jun 1956

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

The Effect of Small Additions of Silver or Zinc on the Solubility of Copper in Aluminium, by L. M. Maghat, N. I. Noskova.

RUSSIAN, pmr, Fiz Met i Metall, Vol I, No 2, 1955, pp 307-310.

Sci Mus Lib Tr 57/0126

Sci - Min/met
Jul 57

49, 376
Fulmer Res Inst Stf Tr 75
OT/2164

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

Lekay Investigation of the Ageing of Aluminum Alloys. 3. Use of X-Ray Goniometric Methods for the Determination of the Mutual Orientation of Phases, by Yu. A. Bagaryatskiy, 18 pp.

RUSSIAN, per, Fiz Metall i Metallov, Vol I, No 2, 1955, pp 316-329.

Sci Mus Lib Tr 57/1609

Sci - Physics
Nov 57

53, 085

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

X-Ray Investigation of the Ageing of Aluminium Alloys. 4. Methods of Calculation for Diffuse-Scattering Phtotographs, by Yu. A. Bagaryatskiy, 15 pp.

RUSSIAN, per, Fiz Metall i Metallov, Vol I, No 2, 1955, pp 330-330.

Sci Mus Lib Tr 57/1610

Sci - Physics
Nov 57

55, 086

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8

The Ageing of an Al-Cu Alloy, by
N. N. Buinov.

RUSSIAN, per, Fiz Met i Metall, Vol I, No 2,
1955, pp 339-348.

Sci Mic Sit 57/2.17
Fulmer Research Inst Ltd Tr 76
OT/2364

Sci - Chemistry
Jul 57

50,692

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300810053-8